Form 1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. 2323-156	SERIAL NO. 09/735,995
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Mark T. KEATING et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CQ	AA	5 5 9 9 6 7 3	02/04/97	Keating et al.			

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CQ	AB	Ackerman, M.J., M.D., Ph.D., "The Long QT Syndrome: Ion Channel Diseases of the Heart", *Mayo Clin. Proc.* 1998; 73:250-269
	AC	Akimoto, K., et al., "Novel Missense Mutation (G601S) of HERG in a Japanese Long QT Syndrome Family", HUMAN MUTATION Supplement 1998; 1:S184-S186
	AD	Babij, P., et al., "Inhibition of Cardiac Delayed Rectifier K^+ Current by Overexpression of the Long-QT Syndrome HERG G628S Mutation in Transgenic Mice", *Circ. Res.* 1998; 83(6):668-678
	AE	Benson, D., et al., "Missense Mutation in the Pore Region of *HERG* Causes Familial Long QT Syndrome", *Circulation* May 15, 1996; 93(10):1791-1795
	AF	Curran, M., et al., "A Molecular Basis for Cardiac Arrhythmia: *HERG* Mutations Cause Long QT Syndrome", *Cell* March 10, 1995; 80:795-803
	AG	Dausse, E., et al., "A mutation in HERG Associated with Notched T Waves in Long QT Syndrome", *J. Mol. Cell Cardiol.* 1996; 28:1609-1615
	AH	Fung, D., et al., "RsaI and MaeI intragenic RFLPs in the human HERG gene", *Clin. Genet.* 1998; 53:504
	AI	Itoh, T., et al., "Genomic organization and mutational analysis of KVLQT1, a gene responsible for familial long QT syndrome", *Hum. Genet.* 1998; 103:290-294

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	BB	Jiang, C., et al., "Two long QT syndrome loci map to chromosomes 3 and 7 with evidence for further heterogeneity", *Nature Genetics* October 1994; 8:141-147
	BC	Keating, M.T., MD, "Genetic Approaches to Cardiovascular Disease Supravalvular Aortic Stenosis, Williams Syndrome, and Long-QT Syndrome", *Circulation* 1995; 92(1):142-147
	BD	Keating, , M.T., "The Long QT Syndrome A Review of Recent Molecular Genetic and Physiologic Discoveries", *Medicine* 1996; 75(1):1-5
	BE	Kupershmidt, S., et al., "A K^+ Channel Splice Variant Common in Human Heart Lacks a C-terminal Domain Required for Expression of Rapidly Activating Delayed Rectifier Current", *J. Biol. Chem.* Oct. 16, 1998 273(42):27231-27235
	BF	Lazzara, R., "Mechanisms and management of congenital and acquired long QT syndromes", *Arch. Mal. Coeur Vass.* 1996; 89 (Spec. No. 1)51-55
	BG	Li, X., et al., "The Human Δ1261 Mutation of the *HERG* Potassium Channel Results in a Truncated Protein That Contains a Subunit Interaction Domain and Decreases the Channel Expression", *The Journal of Biological Chemistry* Jan. 10, 1997; 272(2):705-708
	BH	Locati, E.H., et al., "Age- and Sex-Related Differences in Clinical Manifestations in Patients With Congenital Long-QT Syndrome", *Circulation* June 9, 1998; 97(22):2237-2244
	BI	London, B., et al., "Two Isoforms of the Mouse *Ether-a-go-go*-Related Gene Coassemble to Form Channels With Properties Similar to the Rapidly Activating Component of the Cardiac Delayed Rectifier K^+ Current", *Circ. Res.* Nov. 1997; 81(5):870-878
	BJ	McDonald, T., et al., "A minK-HERG complex regulates the cardiac potassium current I_{Kr}", *Nature* July 17, 1997; 388:289-292
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		CA	Roden, D.M., et al., "Recent Advances in Understanding the Molecular Mechanisms of the Long QT Syndrome", *J. Cardiovasc. Electrophysiol.* Nov. 1995; 6(11)1023-1031
		CB	Sanguinetti, M.C., et al., "A Mechanistic Link between an Inherited and an Acquired Cardiac Arrhythmia: *HERG* Encodes the I_{Kr} Potassium Channel", *Cell* April 21, 1995; 81:299-307
		CC	Satler, C., et al., "Multiple different missense mutations in the pore region of *HERG* in patients with long QT syndrome", *Hum. Genet.* 1998; 102:265-272
		CD	Satler, C., et al., "Novel Missense Mutation in the Cyclic Nucleotide-Binding Domain of *HERG* Causes Long QT Syndrome", *American Journal of Medical Genetics* 1996; 65:27-35
		CE	Schönherr, R., et al., "Molecular determinants for activation and inactivation of HERG, a human inward rectifier potassium channel", *Journal of Physiology* 1996; 493.3:635-642
		CF	Schulze-Bahr, E., et al., "Autosomal recessive long-QT syndrome (Jervell Lange-Nielsen syndrome) is genetically heterogeneous", *Hum. Genet.* 1997; 100:573-576
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		CH	Splawski, I., et al., "Genomic Structure of Three Long QT Syndrome Genes: *KVLQT1, HERG* and *KCNE1*", *Genomics* 1998; 51:86-97
		CH	Tanaka, T., et al., "Four Novel *KVLQT1* and Four Novel *HERG* Mutations in Familial Long-QT Syndrome", *Circulation* Feb. 4, 1997; 95(3):565-567
		CJ	Trudeau, M., et al., "HERG, a Human Inward Rectifier in the Voltage-Gated Potassium Channel Family", *Science* July 7, 1995; 269:92-95, 1087
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	DA	Wang, Q., et al., "Genetics, molecular mechanisms and management of long QT syndrome", *Ann. Med.* 1998; 30:58-65
	DB	Wang, Q., et al., "The molecular basis of long QT syndrome and prospects for therapy", *Mol. Med. Today* Sept. 1998; 4(9):382-388
		Wang, Q., et al., "Molecular genetics of long QT syndrome from genes to patients", *Curr. Opin. Cardiol.* 1997; 12:310-320
	DE	Warmke, J.W. et al., "A family of potassium channel genes related to *eag* in *Drosophila* and mammals" *Proc. Natl. Acad. Sci. USA* 91:3438-3442 (1994)
	DF	Wattanasirichaigoon, D. and Beggs, A.H., "Molecular genetics of long-QT syndrome", *Curr. Opin. Pediatr.* 1998; 10:628-634
	DG	Zareba, W., et al., "Influence of the Genotype on the Clinical Course of the Long-QT Syndrome", *N. Eng. J. Med.* Oct. 1998; 339(14):960-965
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	DI	Zou, A., et al., "A mutation in the pore region of HERG K^+ channels expressed in *Xenopus* oocytes reduces rectification by shifting the voltage dependence of inactivation", *Journal of Physiology*, 1998; 509.1:129-137
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